

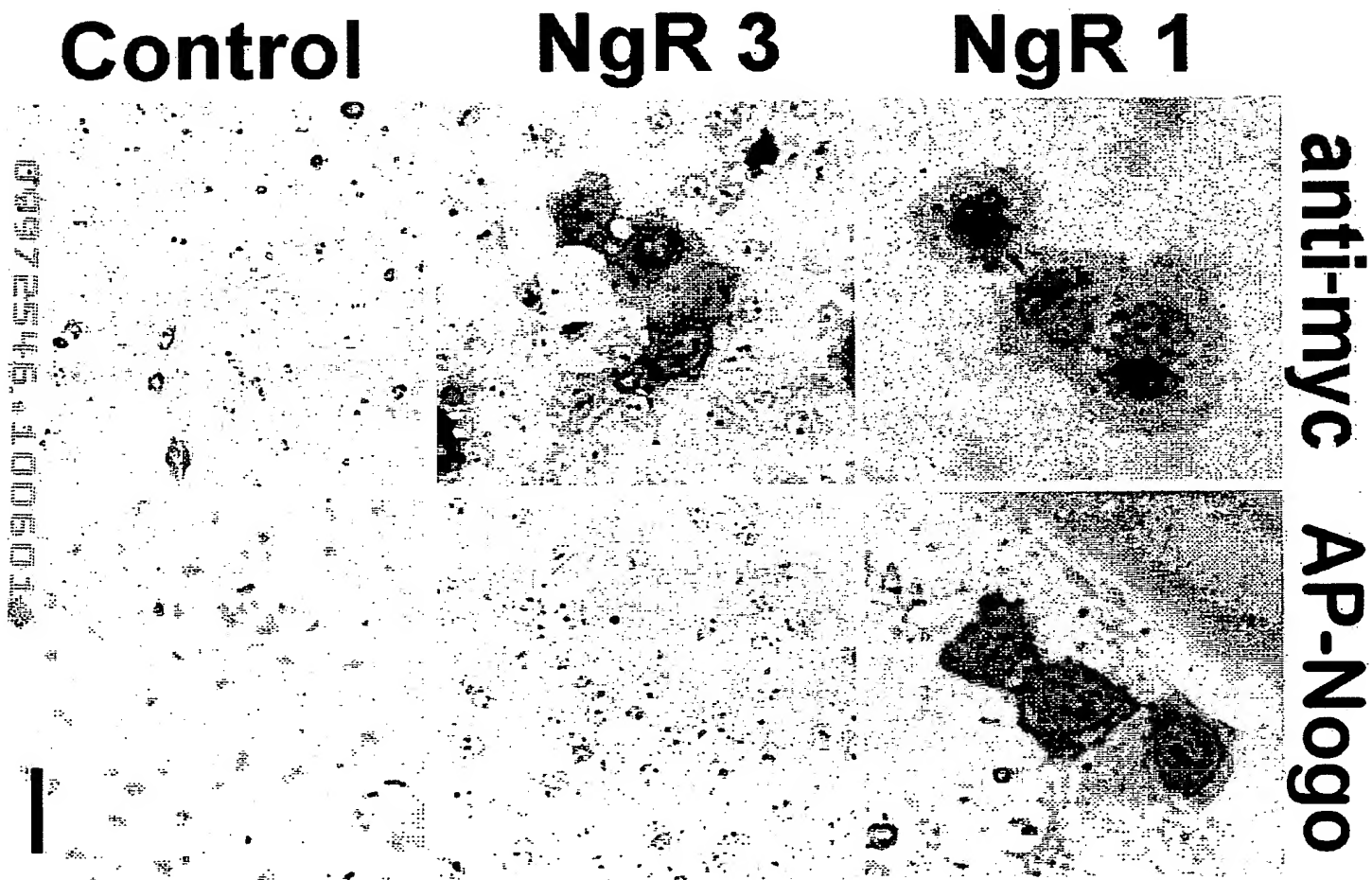
FIG. 1A

NOCO-R2	1	~~~~~MLPG	LRRLLQAPAS	AC...LLLML	LA..LPLAAP	SCPMLCTCYS	50
NOCO-R3		MSWQSGTTVT	QSPVQAAQVS	CCCVELLLLL	LAGELPLGG	GCPRDCVCYP	
NOCO-R1		~~~~~MKRAS	AGCSRLLAWV	LWLQAWQVAA	PCPGACVCYN		
Consensus		~~~~~S	-----S	-----L	-----L	-CP--C-CY-	
NOCO-R2	51	SP.PTVSCQA	NNFSSVPLSL	PPSTQRLFLQ	NNLIRTLRPG	TFGS..NLLT	100
NOCO-R3		AP.MTVSCQA	HNFAAIPEGI	PEDSERIFLQ	NNRITFLQQG	HFSP..AMVT	
NOCO-R1		EPKVTTSCPQ	QGLQAVPVGI	PAASQRIFLH	GNRISHVPAA	SFRACRNLT	
Consensus		-P--T-SC--	-----P---	P-----R-FL-	-N-I-----	-F-----	
NOCO-R2	101	LWLFSSNNLST	IYPGTFRHLQ	ALEELDLDGN	RHLRSLEPDT	FQGLERLQSL	150
NOCO-R3		LWIYSNNITF	IAPNTFEGFV	HLEELDLDGN	ROLRTLAPET	FQGLVKLHAL	
NOCO-R1		LWLHSNVLAR	IDAAAFGLA	LLEQLDLSN	AQLRSVDPAT	FHGLGRLHTL	
Consensus		LW--SN----	I-----F----	-LE-LDL-DN	--LR---P-T	F-GL--L--L	
NOCO-R2	151	HLYRCQLSSL	PGNIFRGLVS	LQYLYLQENS	LLHLQDDDLFA	DLANLSHLFL	200
NOCO-R3		YLYKCGLSAL	PAGIFGGLHS	LQYLYLQDNH	IEYLODDIFV	DLVNLSHLFL	
NOCO-R1		HLDRCCGLQEL	GPGLFRGLAA	LQYLYLQDNA	LQALPDDTFR	DLGNLTHLFL	
Consensus		-L--C-L--L	-----F-GL--	LQYLYLQ-N-	---L-DD-F-	DL-NL-HLFL	
NOCO-R2	201	HGNRLRLLTE	HVFRGLGSLD	RLLLHGNRLQ	GVHRAAFRGL	SRLTILYLFN	250
NOCO-R3		HGNKLWSLQ	GIFRGLVNLD	RLLLHENQLQ	WVHHKAFHDL	HRLTTLFLFN	
NOCO-R1		HGNRISSVPE	RAFRGLHSLD	RLLLHQNRVA	HVHPHAFRDL	GRMLTYLFA	
Consensus		HGN-----	--FRGL--LD	RLLLH-N---	-VH--AF--L	-RL--L-LF-	

Fig. 1B

NOCO-R2	251	NSLASLPGEA	LADLPSLEFL	RLNANPWACD	CRARPLWAWF	QRARVSSSDV	300
NOCO-R3		NSLTELGDC	LAPLVALEFL	RLNGNAWDCC	CRARSLWEWL	RRFRGSSSAV	
NOCO-R1		NNLSALPTEA	LAPLRALQYL	RLNDNPWVCD	CRARPLWAWL	QKFRGSSSEV	
Consensus		N-L--L----	LA-L--L--L	RLN-N-W-C-	CRAR-LW-W-	---R-SSS-V	
NOCO-R2	301	TCATPPERQG	RDLRALREAD	FQAC...P.P	AAPTRPGSRA		350
NOCO-R3		PCATPELRQG	QDLKLLRVED	FRNC...TGP	VSPHQIKSHT		
NOCO-R1		PCSLPQRLAG	RDLKRLAAND	LQCAVATGP	YHPIWTGRAT	DEEPLGLPKC	
Consensus		-C--P----G	-DL--L---D	---C-----P	--P-----	-----	
NOCO-R2	351	.....RGN	SSSNH.LY	G.VAE.....	ACAPPADPS.	..TLYRDLPA	400
NOCO-R3		..LTSDRAA	..RKEHPSH	G.ASRDKGHP	HGHPGCSRSG	YKKAGKNCTS	
NOCO-R1		CQDAADKAS	VLEPGRPASA	GNALKGRVPP	GDSPPGNGSG	PRHI.NDSPF	
Consensus		-----	-----G	-----	---PP---S-	-----	
NOCO-R2	401	EDSRGR....	QGGDApte.D	DYWGgy....	.....GGED	QRGEQMCPGA	450
NOCO-R3		HRNRNQISKV	SSGKELTELQ	DYAPDYQHKF	SFDIMPTARP	KRKGKCARRT	
NOCO-R1		GTLPGSAEPP	LTAVRPEGSE	P..PGFPTSG	PRRRPGCSRK	NRTRSHCRLG	
Consensus		-----	-----	-----	-----R-	-----	
NOCO-R2	451	ACQAPPDSRG	PALSAGLPSP	LLCLLLLVPH	HL~~~~~	~	491
NOCO-R3		PIRAPSGVQQ	ASSGTALGAP	LLAWILGLAV	TLR~~~~~	~	
NOCO-R1		QACSGGGCTG	DSEGSALPS	LTCSLTPLGL	ALVLWTLGP	C	
Consensus		-----	-----L	-----	-L~~~~~	~	

3/6
FIG. 2



000725-10001

4/6

FIG. 3

1	Human NOGO-R1	~~~~~	~~~MKRASA	GGSRLLAWVL	WLQAWQVAAP	CPGACVCYNE	50
~	Murine NOGO-R1	~~~~~	~~~MKRASS	GGSRLLAWVL	WLQAWRVATP	CPGACVCYNE	
~	Murine NOGO-R3	MSWQSGTTVT	QSPVQAAQVS	GCCVELLLLL	LAGELPLGGG	CPRDCVCYPA	
~	Human NOGO-R3	~~~~~	~~~~~	~~~~~	~~~~~	~~~~~	
~	Human NOGO-R2	~~~~~	MLPGLRRLQ	APASACLILM	LLALPLAAPS	CPMLCTCYSS	
~	Consensus	~~~~~	~~~~~	~~~~~	~~~~~	CP--C-CY--	
LRR NT							
51	Human NOGO-R1	PKVTTSCPQQ	GLQAVPVGIP	AASQRIFLHG	NRISHVPAAS	FRACRNLTIL	100
~	Murine NOGO-R1	PKVTTSCPQQ	GLQAVPTGIP	ASSQRIFLHG	NRISHVPAAS	FQSCRNLTL	
~	Murine NOGO-R3	P.MTVSCQAH	NFAAIPGEGIP	EDSERIFLQN	NRITFLQQGH	FSP..AMVTL	
~	Human NOGO-R3	~~~~~	~~~~~EGIP	VDSESVFLQN	NRIGLLQPGH	FSP..AMVTL	
~	Human NOGO-R2	P.PTVSCQAN	NFSSVPLSLP	PSTQRLFLQN	NLIRTLRPQT	FGS..NLLTL	
~	Consensus	P-T-SC--	-----P--P	-----R-FL--	N-I-----	F-----L	
LRR 2							
101	Human NOGO-R1	WLHSNVLARI	DAAAFTGLAL	LEQLDLSDNA	QLRSVDPATF	HGLGRLHTLH	150
~	Murine NOGO-R1	WLHSNALARI	DAAAFTGLTL	LEQLDLSDNA	QLHVVDPTTF	HGLGHLHTLH	
~	Murine NOGO-R3	WIYSNNITFI	APNTFEGFVH	LEELDLDGDN	QLRTLAPETF	QGLVKLHALY	
~	Human NOGO-R3	WIYSNNITYI	HPSTFEGFVH	LEELDLDGDN	QLRTLAPETF	QGLVKLHALY	
~	Human NOGO-R2	WLFSNNLSTI	YPGTFRHLQA	LEELDLDGDN	HLRSLEPDTF	QGLERLQSLH	
~	Consensus	W--SN---I	----F----	LE-LDL-DN-	-L----P-TF	-GL--L--L-	
LRR 4							
151	Human NOGO-R1	LDRCGLQELG	PGLFRGLAAL	QYLYLQDNAL	QALPDDTFRD	LGNLTHFLH	200
~	Murine NOGO-R1	LDRCGLRELG	PGLFRGLAAL	QYLYLQDNAL	QALPDNTFRD	LGNLTHFLH	
~	Murine NOGO-R3	LYKCGLSALP	AGIFGGLHSL	QYLYLQDNHI	EYLQDDIFVD	LVLNLSHLFLH	
~	Human NOGO-R3	LYKCGLSALP	AGVFGGLHSL	QYLYLQDNHI	EYLQDDIFVD	LVLNLSHLFLH	
~	Human NOGO-R2	LYRCQLSSLP	GNIFRGLVSL	QYLYLQENSL	LHLQDDLFAD	LANLSHLFLH	
~	Consensus	L--C-L--L-	---F-GL-L	QYLYIQ-N--	--L-D--F-D	L-NL-HLFLH	

FIG. 3, cont.

	201	LRR 6	LRR 7	250
Human NOGO-R1	GNRISVPER	AFRGLHSLDR	LLLHQNVRVAH	VHPAFRDLG RLMTLYLFAN
Murine NOGO-R1	GNRIPSVPEH	AFRGLHSLDR	LLLHQNHVAR	VHPAFRDLG RLMTLYLFAN
Murine NOGO-R3	GKWLWSLGQG	IFRGLVNLDR	LLLHENQLQW	VHHKAFHDLH RLTTTLFLFNN
Human NOGO-R3	GKWLWSLPG	TFRGLVNLDR	LLLHENQLQW	VHHKAFHDLR RLTTTLFLFNN
Human NOGO-R2	GNRLRLLTEH	VFRGLGSLDR	LLLHGNRLQG	VHRAAFRGLS RLTTLYLFNN
Consensus	GN-----	-FRGL-LDR	LLLH-N----	VH--AF--L- RL--L-LF-N
	251	LRR 8	LRR CT	300
Human NOGO-R1	NLSALPTEAL	APLRALQYLR	LNDNPWVDC	RARPLWAWLQ KFRGSSSEVP
Murine NOGO-R1	NLSMLPAEVL	MPLRSLOYL	LNDNPWVDC	RARPLWAWLQ KFRGSSSEVP
Murine NOGO-R3	SLTELQGDCL	APLVALEFLR	LNGNAWDCG	RARSLWEWL RFRGSSSAVP
Human NOGO-R3	SLSELQGECL	APLGALEFLR	LNGNPWDCG	RARSLWEWLQ RFRGSSSAVP
Human NOGO-R2	SLASLPGEAL	ADLPSLEFLR	LNANPWACDC	RARPLWAWFQ RARVSSSDVT
Consensus	-L--L-----L	--L--L--LR	LN-N-W-C-C	RAR-LW-W-- --R-SSS-V-
	301			350
Human NOGO-R1	CSLPQRLAGR	DLKRLAANDL	QGCATVATGPY	HPIWTGRATD EEPLGLPKCC
Murine NOGO-R1	CNLPQRLADR	DLKRLAASDL	EGCAVASGPF	RPIQTSQLTD EELLSLPKCC
Murine NOGO-R3	CATPELRQGO	DLKLLRVEDF	RNCTGPVSP	HQIKSHTLTT SDRAARKEHH
Human NOGO-R3	CVSPGLRHGO	DLKLLRAEDF	RNCTGPASP	HQIKSHTLTT TDRAARKEHH
Human NOGO-R2	CATPPERQGR	DLRALREADF	QACP.PAAP	TRPGSRA... .RGNSSSNH
Consensus	C--P-----	DL--L--D-	--C-----P-	-----
	351			400
Human NOGO-R1	QPDAAADKASV	LEPGRPASAG	NALKGRVPPG	DSPPNGSGP RHINDSPFGT
Murine NOGO-R1	QPDAAADKASV	LEPGRPASAG	NALKGRVPPG	DTPPNGSGP RHINDSPFGT
Murine NOGO-R3	PSHGASRDKG	HPHGHPGSR	SGYK.....	.KAGKNCTSH RNRNQISKVS
Human NOGO-R3	SPHGPTRSKG	HPH....GPR	PGHR.....	.KPGKNCTNP RNRNQISKAG
Human NOGO-R2	.LYGVA.EAG	AP...PADPS	TLYR.....	.DLPA..... .EDSRGR
Consensus	-----	-----	-----	-----

6/6

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 Sheet 6 of 6

Human NOGO-R1	401	LPGSAEPPLT	AVRPEGSEPP	GF...	PTSGP	RRRPGCSRKN	RTRSHCRLGQ	450
Murine NOGO-R1		LPSSAEPPLT	ALRPGGSEPP	GL...	PTTGP	RRRPGCSRKN	RTRSHCRLGQ	
Murine NOGO-R3		.SGKELTELQ	DYAPDYQHKF	SFDIMPTARP	KRKGKCARRT	PIRAPSGVQQ		
Human NOGO-R3		.AGKQAPPELP	DYAPDYQHKF	SFDIMPTARP	KRKGKCARRT	PIRAPSGVQQ		
Human NOGO-R2		.QGGDAPTED	DYWGGY...	.....GGED	QRGEQMCPGA	ACQAPPD...		
Consensus		-----	-----	-----	-R-----	-----		

Human NOGO-R1	451	AGSGGGGTGD	SEGSALPSL	TCSLTPLGLA	LVLWTVLGPC	490
Murine NOGO-R1		AGSGASGTGD	AEGSGALPAL	ACSLAPLGLA	LVLWTVLGPC	
Murine NOGO-R3		.....	..ASSGTALG	APLLAWILGL	AVTLR~~~~	
Human NOGO-R3		.....	..ASSASSLG	ASLLAWTLGL	AVTLR~~~~	
Human NOGO-R2		.....	..SRGPALSA	GLPS PLLCL	LLLVPHHL~~	
Consensus		-----	-----	-----	-----	